

ABSTRACT OF THE DISCLOSURE

A rotary head apparatus includes a rotary drum having two magnetic heads mounted thereon. Each magnetic head has a recording-medium opposing surface curved in two convex shapes extending towards the outside of the drum, one along the longitudinal cross section of the magnetic head extending across the centerline laterally dividing the magnetic head into two parts so as to be orthogonal to the sliding direction of the recording medium, and the other along the lateral cross section orthogonal to the centerline. The apex of the lateral cross section is gradually displaced from the centerline as distancing itself from the center of the surface in the longitudinal direction and in the opposite direction to the above displacement as distancing itself from the center in the reverse longitudinal direction. Each displacement of the apex laterally away from the centerline in a sliding area of the recording medium is at most 2 μm .